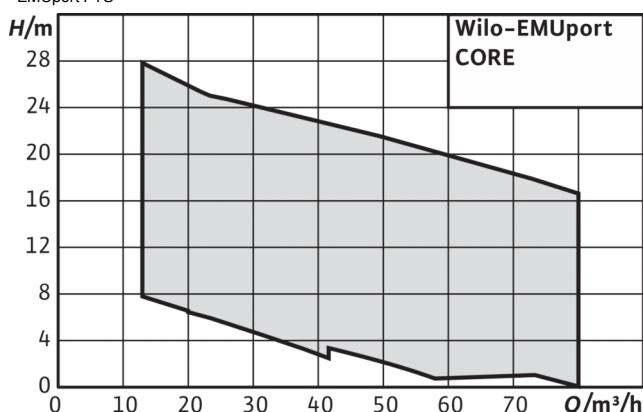


Series description: Wilo-EMUport Core



EMUport FTS



Design type

Standard sewage lifting unit with solids separation system in accordance with DIN EN 12050-1 for installation in a building or in a pump chamber for outdoor installation.

Application

Pumping of untreated sewage that cannot be returned to the sewer system using natural falls, and for the draining of objects that are below the backflow level (according to DIN EN 12056/ DIN 1986-100).

Equipment/function

- Sewage lifting unit with solids separation system
- Two solids separation reservoirs that can be shut off individually
- Two dry-well installed submersible sewage pumps for alternating mode
- Pumps in protection class IP68 and motor efficiency in accordance with IE3
- Level entry with level probe

Scope of delivery

Installation-ready sewage lifting unit is completely pre-assembled including Y-piece, level sensor and two pumps.

Type key

Example:	Wilo-EMUport CORE 20.2-10A
CORE	Standardised solids separation system
20	Max. intake in m³/h
2	Number of installed pumps
10	Max. delivery head in m
A	Version: A = Standard version B = Comfort version

Technical data

- Max. continuous intake: 20, 45 or 50 m³/h
- Tank volume: 440 l or 1200 l
- Useable tank volume: 295 l or 900 l
- Max. delivery head: 31 m
- Positive suction head: 750 mm
- Inlet connection: DN 200
- Pressure connection: DN 80 or DN 100
- Mains connection: 3~400 V, 50 Hz

Materials

- Collection reservoir: PE
- Solids separation reservoir: PE
- Supply box: PUR
- Pipework: PE
- Pumps: Cast iron
- Gate valve: Cast iron
- Pressure connection: - Variant A: PE with T-merge - Variant A: Stainless steel with Y-merge

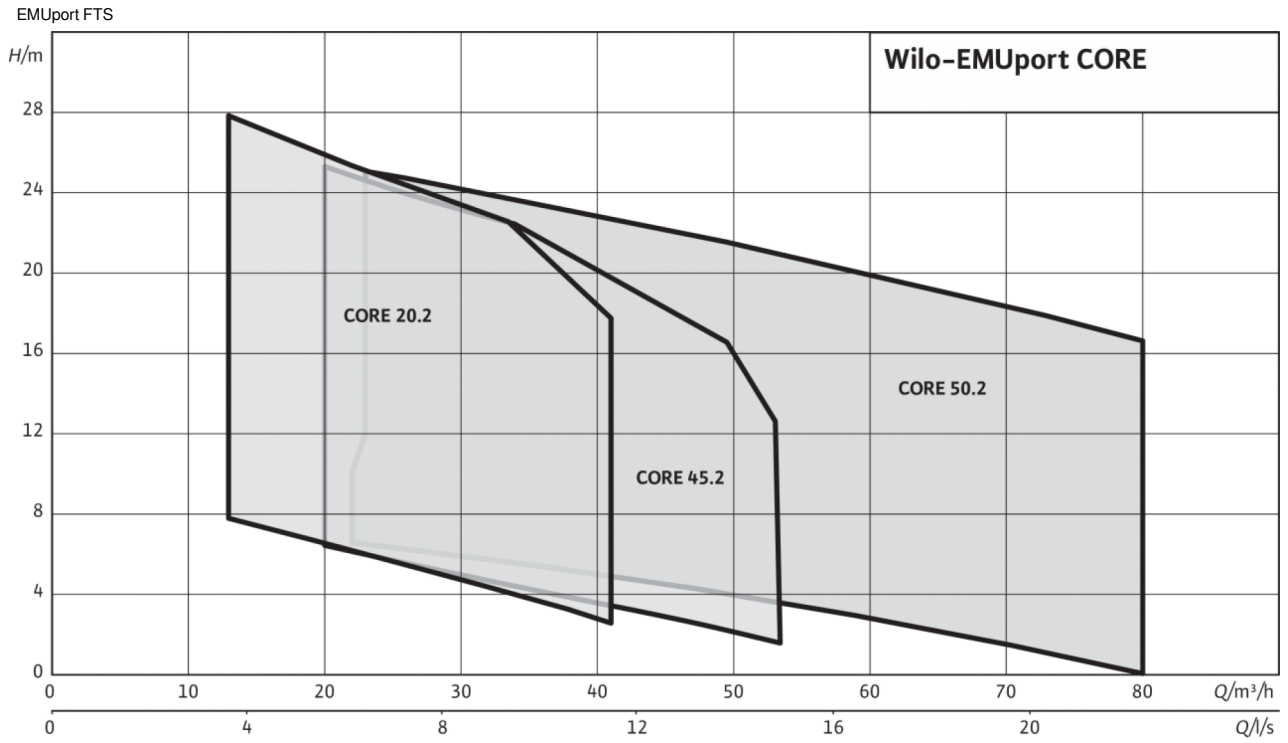
Description/construction

Fully submersible sewage lifting unit ready for connection with solids separation. All-in-one gastight and watertight collection reservoir without constructive welded joints, as well as two separately-lockable solids separation reservoirs. The collection reservoir has rounded edges, the tank bottom is bevelled, the deepest point is located directly below the pump. This prevents deposits and the drying of solids at critical points. With pre-filtering in the solids separation reservoirs, the solids are filtered from the fluid and only pre-filtered sewage is directed to the collection reservoir. Pumping is performed by two high-performance submersible sewage pumps in dry well installation. The pumps are designed as a redundant double-pump system and run in alternating operation. The level is controlled by a level probe 0... 2.5 mWS.

Version "B" is also equipped with automatic back-flushing to the collection reservoir to enhance the cleaning effect. The corresponding switchgear of the SC-L series is available as an accessory.



Duty chart: Wilo-EMUport Core





Product list: Wilo-EMUport Core

Product description	Article number
EMUport CORE 50.2-23B	6080630
EMUport CORE 50.2-20B	6080628
EMUport CORE 50.2-15B	6080626
EMUport CORE 50.2-11B	6080624
EMUport CORE 50.2-27A	6080622
EMUport CORE 45.2-9A	6080600
EMUport CORE 50.2-22A	6080620
EMUport CORE 50.2-17A	6080618
EMUport CORE 50.2-12A	6080616
EMUport CORE 45.2-30B	6080613
EMUport CORE 45.2-24B	6080611
EMUport CORE 45.2-16B	6080609
EMUport CORE 45.2-9B	6080607
EMUport CORE 45.2-27A	6080605
EMUport CORE 45.2-20A	6080603
EMUport CORE 50.2-27B	6080631
EMUport CORE 50.2-22B	6080629
EMUport CORE 50.2-17B	6080627
EMUport CORE 50.2-12B	6080625
EMUport CORE 50.2-8B	6080623
EMUport CORE 45.2-13A	6080601
EMUport CORE 50.2-23A	6080621
EMUport CORE 50.2-20A	6080619
EMUport CORE 50.2-15A	6080617
EMUport CORE 50.2-11A	6080615
EMUport CORE 50.2-8A	6080614
EMUport CORE 45.2-27B	6080612
EMUport CORE 45.2-20B	6080610
EMUport CORE 45.2-13B	6080608
EMUport CORE 45.2-30A	6080606
EMUport CORE 45.2-24A	6080604
EMUport CORE 45.2-16A	6080602
EMUport CORE 20.2-31B	6078596
EMUport CORE 20.2-28B	6078595
EMUport CORE 20.2-25B	6078594
EMUport CORE 20.2-21B	6078593
EMUport CORE 20.2-17B	6078592
EMUport CORE 20.2-14B	6078591
EMUport CORE 20.2-10B	6078590
EMUport CORE 20.2-31A	6078612
EMUport CORE 20.2-28A	6078611
EMUport CORE 20.2-25A	6078610
EMUport CORE 20.2-21A	6078609
EMUport CORE 20.2-17A	6078608
EMUport CORE 20.2-14A	6078607
EMUport CORE 20.2-10A	6078606